



State of Vermont

Department of Fish and Wildlife
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State Geologist
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AGENCY OF NATURAL RESOURCES Department of Environmental Conservation

Waste Management Division
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December 5, 1996

PETER BESTENBOSTEL
CHITTENDEN EAST SCHOOL DISTRICT
PO BOX 282
RICHMOND VERMONT 05477

RE: Site Management Activity Completed Smilie Elementary School, Bolton, Vermont
(Site #95-1911)

Dear Mr. Bestenbostel:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has reviewed Twin State Environmental Corporation's August 1, 1996, report titled, "Supplemental Site Investigation Report" for the above referenced site. This investigation was conducted in response to petroleum contamination encountered during the removal of the 550-gallon #2 fuel oil underground storage tank (UST). This removal was conducted because school officials believed that the tank may have leaked over 100 gallons of oil, as was indicated by increased fuel consumption. Geoprobe™ (direct push) equipment was used to perform an initial subsurface site investigation. But due to the presence of cobbles precluding advancement of sampling probes, the direct push technology was ineffective at obtaining necessary site information. Subsequently, Tubex™ drilling equipment was used to install five monitoring wells at the site. No significant concentrations of volatile organic compounds (VOCs) were encountered during the advancement of the soil borings; the peak VOC concentration was only 4 parts per million in a sample collected from below the former tank. Laboratory analysis of groundwater samples collected from the wells indicated no evidence of petroleum contamination. Additionally, laboratory results indicated that the school water supply well has also not been effected by petroleum contamination. In light of the investigation results, it appears that any product loss from the former fuel oil UST was minimal. Based on the current conditions at this site, the SMS has determined that this site is now eligible for a SMAC (Site Management Activity Completed) designation. This means that the SMS has determined the following:

- the former fuel oil UST has been removed from the ground, and is no longer a potential source of petroleum contamination at this site;
- no significantly contaminated soils were found during the investigation;
- groundwater collected from the monitoring wells installed at this site contained no evidence of petroleum contamination; and
- any residual contamination does not pose an unacceptable risk to human health or the environment.

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Based on these findings, the SMS has determined that site management activities have been completed. The completion of these activities does not release the Chittenden East School District of any past or future liability which may arise from the petroleum contamination discovered to have originated from the UST at the Smilie Elementary School site. It does mean that the SMS is not requiring any additional work be performed in response to the contamination discovered at this site. If you have any questions or comments, please feel free to contact either me or Matt Moran at (802)-241-3888.

Sincerely,



George Desch, Chief
Sites Management Section

cc: Bolton Selectboard
Bolton Health Officer
DEC Regional Office
John Diego, Twin State Environmental Corporation

GD:mattm/wp/951911sm.ac